

U.S. Bureau of Reclamation  
**Emergency Condition Notification Form**

**Date** June 19, 2011 Update

**Time:** 12:30 PM (MDT)

**Facility Affected:** Clark Canyon Dam

**River Affected:** Beaverhead River

**Organizations Receiving this Notification:**

Beaverhead County Dispatch 24-hour Warning Point  
Madison County Dispatch 24-hour Warning Point  
Gallatin County Dispatch 24-hour Warning Point  
Jefferson County Dispatch 24-hour Warning Point  
Broadwater County Dispatch 24-hour Warning Point  
Montana State Disaster & Emergency Services – Helena  
National Weather Service Forecaster in Great Falls  
U.S. Army Corps of Engineers, Omaha  
Great Plains Regional Office  
U.S. Bureau of Land Management  
U.S. Forest Service

**1. Condition Description**

Inflows into Lima Dam (Owned and Operated by Beaverhead County Red Rock River Water and Sewer District) remain high resulting in the reservoir continuing uncontrolled releases into the Red Rock River upstream of Clark Canyon Dam. As a result Clark Canyon Dam also continues to see elevated inflows. Additionally, the Corps of Engineers has requested that Reclamation utilize replacement storage at Clark Canyon Dam to assist with downstream flooding. With this request and forecasted runoff Reclamation anticipates reservoir elevations of Clark Canyon Dam to continue to increase further into the flood pool and remain there for several weeks.

In accordance with the Clark Canyon Dam Emergency Action Plan (EAP), reservoir elevations at Lima Dam in excess of 6581.3 place Clark Canyon Dam at an elevated response level requiring notifications to downstream authorities and affected agencies. **This is only a result of Lima Dam reservoir elevations exceeding 6581.3. There are no dam safety related conditions or concerns with Clark Canyon Dam.**

Below are the current conditions at Clark Canyon Dam as of 12:00 p.m. June 19, 2011.

- Elevation = 5550.75 (4.65 feet into flood pool)
- Storage = 198,907 acre-feet
- Inflow (12-hr avg.) = 1,487 cfs
- Discharge = 289 cfs

Below are the current conditions at Lima Dam as of 10:00 a.m. June 19, 2011.

- Elevation = 6582.35 (1.05 feet above uncontrolled spillway)
- Storage = 81,774 acre-feet
- Inflow (12-hr avg.) = 1074 cfs
- Discharge = 841 cfs

## **2. Potential River Levels and Times of Arrival**

<u>Beaverhead River Location</u>	<u>Approximate Travel Time</u>
Barrets	4-5 hours
Dillon	10-12 hours
Twin Bridges	30-36 hours

## **3. Actions Taken by Reclamation**

Clark Canyon Dam releases continue to remain at about 285 cfs and are anticipated to remain low for the next several days to provide some relief to downstream river stages. Reclamation continues to monitor river levels both upstream and downstream of Clark Canyon Dam, as well as conditions at Clark Canyon Dam and Lima Dam and will issue further notifications as conditions warrant.

## **4. Actions Expected of Downstream Agencies**

Downstream agencies should take these reservoir levels and flows combined with existing downstream tributary flows entering the Beaverhead River when determining potential actions.

## **5. For Additional Information**

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## **6. Media Inquiries:**

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